

WHAT IS CLAIMED IS:

1. An information processing apparatus for submitting document information including an image via a network, comprising:

5 image input means;

schedule storage means for storing input schedule information of said image input means;

image storage means for storing an image obtained in accordance with the schedule information; and

10 document creation means for creating new document information by substituting an image in the document information by the image stored in said image storage means.

2. The apparatus according to claim 1, further comprising means for transferring the document information created by said document creation means to a network server.

3. The apparatus according to claim 1, further comprising designation means for designating an image in the old document information to be changed by an image newly stored in said image storage means.

4. The apparatus according to claim 3, further comprising display control means for displaying the changed image in a different pattern.

25 5. The apparatus according to claim 3, further comprising display control means for, when an image in

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the document information is selected, displaying that image in a pattern different from other images.

6. The apparatus according to claim 1, further comprising means for storing an image prepared in advance, and substituting an image in the document information, which is not changed, by the image prepared in advance.

7. The apparatus according to claim 1, wherein the document information is HTML document information.

8. The apparatus according to claim 1, wherein the input schedule includes an image sensing position and time.

9. A method of controlling an information processing apparatus for submitting document information including an image via a network, comprising:

the step of storing input schedule information of predetermined image input means;

the step of storing an image obtained in accordance with the schedule information; and

the step of creating new document information by substituting an image in the document information by the image stored in said image storage means.

10. A storage medium that stores a computer program code for an information processing apparatus which comprises image input means and submits document information including an image via a network, storing:

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a program code of the step of storing input  
schedule information of predetermined image input  
means;

a program code of the step of storing an image  
5 obtained in accordance with the schedule information;  
and

a program code of the step of creating new  
document information by substituting an image in the  
document information by the image stored in said image  
10 storage means.

11. An information processing apparatus for updating  
an image in document information to be submitted via a  
network, comprising:

video input means capable of remote-controlling  
15 an image sensing position;

schedule storage means for storing schedule  
information having an image sensing position and time  
of said video input means;

control means for activating said video input  
20 means in accordance with the schedule information  
stored in said schedule storage means, and saving an  
obtained image in predetermined image storage means;  
and

document creation means for creating new document  
25 information by substituting an image at an image  
sensing position in old document information, which

corresponds to an image sensing position of an image stored in the image storage means, by that image.

12. The apparatus according to claim 11, further comprising means for transferring the document  
5 information created by said document creation means to a network server.

13. The apparatus according to claim 11, further comprising designation means for designating an image in the old document information to be changed by an  
10 image newly stored in said image storage means.

14. The apparatus according to claim 13, further comprising display control means for displaying the changed image in a different pattern.

15. The apparatus according to claim 13, further comprising display control means for, when an image in the document information is selected, displaying that image in a pattern different from other images.

16. The apparatus according to claim 11, further comprising means for storing an image prepared in  
20 advance, and substituting an image in the document information, which is not changed, by the image prepared in advance.

17. The apparatus according to claim 11, wherein the document information is HTML document information.

25 18. A method of controlling an information processing apparatus which comprises video input means capable of

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remote-controlling an image sensing position and makes the video input means capture an image in document information to be submitted via a network, comprising:

the step of storing schedule information having  
5 an image sensing position and time of the video input means;

the step of activating the video input means in accordance with the stored schedule information, and saving an obtained image in predetermined image storage  
10 means; and

the step of creating new document information by substituting an image at an image sensing position in old document information, which corresponds to an image sensing position of an image stored in the image  
15 storage means, by that image.

19. A storage medium that stores a computer program code for an information processing apparatus which comprises video input means capable of remote-controlling an image sensing position and makes  
20 the video input means capture an image in document information to be submitted via a network, storing:

a program code of the step of storing schedule information having an image sensing position and time of the video input means;

25 a program code of the step of activating the video input means in accordance with the stored

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schedule information, and saving an obtained image in predetermined image storage means; and

a program code of the step of creating new document information by substituting an image at an  
5 image sensing position in old document information, which corresponds to an image sensing position of an image stored in the image storage means, by that image.

20. An information processing apparatus for submitting document information including an image via  
10 a network, comprising:

image input means;

schedule input means for inputting schedule information pertaining to image capture of said image  
input means;

15 correction means for correcting the schedule information input by said schedule input means;

image storage means for storing an image obtained in accordance with new schedule information corrected by said correction means; and

20 document creation means for creating document information on the basis of an image stored in said image storage means.

21. The apparatus according to claim 20, further comprising means for transferring the document  
25 information created by said document creation means to a network server.

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22. The apparatus according to claim 20, wherein said  
correction means computes new image sensing positions  
by varying one image sensing position in the schedule  
information within a predetermined range around that  
5 image sensing position as a center.

23. The apparatus according to claim 20, wherein said  
correction means includes means for generating a new  
position that interpolates between two positions of  
said image input means.

10 24. The apparatus according to claim 20, further  
comprising edit means for deleting, inserting, and  
adding an image in the document information created by  
said document creation means.

25. The apparatus according to claim 20, further  
15 comprising means for displaying and selecting  
displacement images so as to select an image to be  
included in a document.

26. The apparatus according to claim 20, further  
comprising means for sensing an image over a broad  
20 range and storing the sensed image in image recording  
means when image sensing is done on the basis of the  
schedule information.

27. The apparatus according to claim 20, wherein the  
document information is HTML document information.

25 28. A method of controlling an information processing  
apparatus which has image input means and submits

document information including an image via a network,  
comprising:

the input step of inputting schedule information  
pertaining to image capture of the image input means;

5 the correction step of correcting the input  
schedule information;

the storage step of storing an image obtained in  
accordance with corrected, new schedule information;  
and

10 the document creation step of creating document  
information on the basis of the stored image.

29. A storage medium that stores a program code for  
an information processing apparatus which has image  
input means and submits document information including  
15 an image via a network, storing:

a program code of the input step of inputting  
schedule information pertaining to image capture of the  
image input means;

20 a program code of the correction step of  
correcting the input schedule information;

a program code of the storage step of storing an  
image obtained in accordance with corrected, new  
schedule information; and

25 a program code of the document creation step of  
creating document information on the basis of the  
stored image.



30. An information processing apparatus for updating an image in document information to be submitted via a network, comprising:

video input means capable of remote-controlling  
5 an image sensing position;

schedule storage means for storing schedule information having an image sensing position and time of said video input means;

computation means for computing a plurality of  
10 new image sensing positions on the basis of an image sensing position in the schedule information stored in said schedule storage means;

control means for activating said video input means in accordance with the new image sensing position  
15 computed by said computation means and the image sensing time, and saving an obtained image in predetermined image storage means; and

document creation means for creating document information on the basis of the image stored in the  
20 image storage means.

31. The apparatus according to claim 30, further comprising means for transferring the document information created by said document creation means to a network server.

25 32. The apparatus according to claim 30, wherein said computation means computes new image sensing positions

within a predetermined range having one image sensing position as a center.

33. The apparatus according to claim 32, wherein the predetermined range is set for each of a pan angle,  
5 tilt angle, and zoom ratio of said video input means.

34. The apparatus according to claim 30, wherein said computation means computes a plurality of displacement image sensing positions that interpolate between two image sensing positions.

10 35. The apparatus according to claim 32, further comprising means for displaying and selecting displacement images so as to select an image to be included in a document.

36. The apparatus according to claim 30, further  
15 comprising means for sensing an image over a broad range and storing the sensed image in image recording means when image sensing is done on the basis of the schedule information.

37. The apparatus according to claim 30, wherein the  
20 document information is HTML document information.

38. The apparatus according to claim 30, further comprising edit means for deleting, inserting, and adding an image in the document information created by said document creation means.

25 39. A method of controlling an information processing apparatus which comprises video input means capable of

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remote-controlling an image sensing position, and makes the video input means capture an image in document information to be submitted via a network, comprising:

the step of storing schedule information having  
5 an image sensing position and time of the video input means;

the step of computing a plurality of new image sensing positions on the basis of an image sensing position in the stored schedule information;

10 the step of activating the video input means in accordance with the computed, new image sensing position and the image sensing time, and saving an obtained image in predetermined image storage means; and

15 the step of creating document information on the basis of the image stored in the image storage means.

40. A storage medium that stores a computer program code for an information processing apparatus which comprises video input means capable of

20 remote-controlling an image sensing position, and makes the video input means capture an image in document information to be submitted via a network, storing:

a program code of the step of storing schedule information having an image sensing position and time  
25 of the video input means;

a program code of the step of computing a plurality of new image sensing positions on the basis of an image sensing position in the stored schedule information;

5 a program code of the step of activating the video input means in accordance with the computed, new image sensing position and the image sensing time, and saving an obtained image in predetermined image storage means; and

10 a program code of the step of creating document information on the basis of the image stored in the image storage means.

41. An information processing apparatus for submitting document information including an image via

15 a network, comprising:

image input means;

schedule input means for inputting schedule information pertaining to image capture of said image input means;

20 correction means for correcting the schedule information input by said schedule input means;

image storage means for storing an image obtained in accordance with new schedule information corrected by said correction means;

document creation means for creating document information on the basis of an image stored in said image storage means;

authentication means for authenticating if a  
5 candidate document is submitted onto the network; and

submission control means for controlling  
submission of the candidate document onto the network  
in accordance with a predetermined condition  
irrespective of an authentication result of said  
10 authentication means.

42. The apparatus according to claim 41, wherein said submission control means submits a document to a document browsing server provided on the network, and updates an old document present on the server.

15 43. The apparatus according to claim 41, wherein said submission control means includes selection means for selecting a document with high submission priority from candidate documents previously created by said document creation means.

20 44. The apparatus according to claim 43, wherein said selection means selects a document with high priority on the basis of edit histories of individual candidate documents.

45. The apparatus according to claim 44, wherein said  
25 selection means selects a candidate document with the longest edit history.

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46. The apparatus according to claim 44, wherein said selection means selects a document with high priority on the basis of the number of times of edit and a latest update date of a document.

5 47. The apparatus according to claim 44, wherein said selection means selects a document on the basis of the number of times of support when a support instruction is issued to a candidate document created by said document creation means.

10 48. The apparatus according to claim 44, wherein said selection means selects a candidate document with reference to the number of times of selection of an image assigned to the document.

49. The apparatus according to claim 41, wherein said  
15 selection means includes means for displaying a list of candidate documents.

50. A method of controlling an information processing apparatus which comprises image input means and submits document information including an image via a network,  
20 comprising:

the schedule input step of inputting schedule information pertaining to image capture of the image input means;

the correction step of correcting the schedule  
25 information input in the schedule input step;

the image storage step of storing an image obtained in accordance with new schedule information corrected in the correction step;

the document creation step of creating document  
5 information on the basis of an image stored in the image storage step;

the authentication step of authenticating if a candidate document is submitted onto the network; and

the submission control step of controlling  
10 submission of the candidate document onto the network in accordance with a predetermined condition irrespective of an authentication result in the authentication step.

51. A storage medium that stores a program code for  
15 an information processing apparatus which comprises image input means and submits document information including an image via a network, storing:

a program code of the schedule input step of inputting schedule information pertaining to image  
20 capture of the image input means;

a program code of the correction step of correcting the schedule information input in the schedule input step;

a program code of the image storage step of  
25 storing an image obtained in accordance with new schedule information corrected in the correction step;

a program code of the document creation step of creating document information on the basis of an image stored in the image storage step;

a program code of the authentication step of authenticating if a candidate document is submitted onto the network; and

a program code of the submission control step of controlling submission of the candidate document onto the network in accordance with a predetermined condition irrespective of an authentication result in the authentication step.

52. An information processing apparatus for submitting document information including an image via a network, comprising:

image input means;

schedule storage means for storing input schedule information of said image input means;

image storage means for storing an image obtained in accordance with the schedule information;

document creation means for creating new document information by substituting an image in the document information by the image stored in said image storage means; and

setting means for setting a condition for inhibiting an image, which is input by said image input means and is stored, from being published,



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wherein an image that satisfies the condition set by said setting means is determined not to be published, and is excluded from images to be submitted.

53. The apparatus according to claim 52, wherein  
5 submission means submits a document to a document browsing server provided on the network, and updates an old document present on the server.

54. The apparatus according to claim 52, wherein said  
10 setting means sets a publication inhibition time band together with the schedule information.

55. The apparatus according to claim 52, wherein said setting means sets conditions in units of image sensing positions together with the schedule information.

56. The apparatus according to claim 52, wherein  
15 control means saves each obtained image in said image storage means in association with an image sensing position and time.

57. The apparatus according to claim 52, wherein  
20 submission means checks if a document to be submitted includes an image which is set not to be published by said setting means, and substitutes that image by predetermined information if such image is found.

58. The apparatus according to claim 52, further comprising authentication means for authenticating  
25 submission of a created candidate document, and

submission means for, when an authentication process of said authentication means is not done after a predetermined time has passed, determining the candidate document as an authentic document to be submitted onto the network, and submitting the determined document.

59. A method of controlling an information processing apparatus which has image input means and submits document information including an image via a network, comprising:

the schedule storage step of storing input schedule information of the image input means;

the image storage step of storing an image obtained in accordance with the schedule information;

the document creation step of creating new document information by substituting an image in the document information by the image stored in the image storage step; and

the setting step of setting a condition for inhibiting an image, which is input by the image input means and is stored, from being published,

wherein an image that satisfies the condition set in the setting step is determined not to be published, and is excluded from images to be submitted.

60. A storage medium that stores a program code for an information processing apparatus which has image

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input means and submits document information including an image via a network, storing:

5 a program code of the schedule storage step of storing input schedule information of the image input means;

a program code of the image storage step of storing an image obtained in accordance with the schedule information;

10 a program code of the document creation step of creating new document information by substituting an image in the document information by the image stored in the image storage step; and

15 a program code of the setting step of setting a condition for inhibiting an image, which is input by the image input means and is stored, from being published,

wherein an image that satisfies the condition set in the setting step is determined not to be published, and is excluded from images to be submitted.

20 61. An information processing apparatus for updating an image in document information to be submitted via a network, comprising:

video input means capable of remote-controlling an image sensing position;

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schedule storage means for storing schedule information having an image sensing position and time of said video input means;

control means for activating said video input  
5 means in accordance with the schedule information stored in said schedule storage means, and saving an obtained image in predetermined image storage means;

document creation means for creating new document information with reference to old document information  
10 on the basis of the image stored in the image storage means;

submission means for, when an authentication process is not done for a created candidate document after a predetermined time has passed, determining the  
15 candidate document as an authentic document to be submitted onto the network, and submitting the determined document; and

setting means for setting a condition for inhibiting an image, which is input by said video input  
20 means and is stored, from being published,

wherein an image that satisfies the condition set by said setting means is determined not to be published, and is excluded from images to be submitted.

62. The apparatus according to claim 61, wherein said  
25 submission means submits a document to a document

browsing server provided on the network, and updates an old document present on the server.

63. The apparatus according to claim 61, wherein said setting means sets a publication inhibition time band  
5 together with the schedule information.

64. The apparatus according to claim 61, wherein said setting means sets conditions in units of image sensing positions together with the schedule information.

65. The apparatus according to claim 61, wherein said  
10 control means saves each obtained image in said image storage means in association with an image sensing position and time.

66. The apparatus according to claim 61, wherein  
15 submission means checks if a document to be submitted includes an image which is set not to be published by said setting means, and substitutes that image by predetermined information if such image is found.

67. A method of controlling an information processing  
20 apparatus which comprises video input means capable of remote-controlling an image sensing position and makes the video input means capture an image in document information to be submitted via a network, comprising:

the schedule storage step of storing schedule  
information having an image sensing position and time  
25 of the video input means;

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the control step of activating the video input means in accordance with the schedule information stored in the schedule storage step, and saving an obtained image in predetermined image storage means;

5 the document creation step of creating new document information with reference to old document information on the basis of the image stored in the image storage means;

10 the submission step of, when an authentication process is not done for a created candidate document after a predetermined time has passed, determining the candidate document as an authentic document to be submitted onto the network, and submitting the determined document; and

15 the setting step of setting a condition for inhibiting an image, which is input by the video input means and is stored, from being published,

wherein an image that satisfies the condition set in the setting step is determined not to be published, 20 and is excluded from images to be submitted.

68. A storage medium that stores a computer program code for an information processing apparatus which comprises video input means capable of remote-controlling an image sensing position and makes 25 the video input means capture an image in document information to be submitted via a network, storing:

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a program code of the schedule storage step of storing schedule information having an image sensing position and time of the video input means;

5 a program code of the control step of activating the video input means in accordance with the schedule information stored in the schedule storage step, and saving an obtained image in predetermined image storage means;

10 a program code of the document creation step of creating new document information with reference to old document information on the basis of the image stored in the image storage means;

15 a program code of the submission step of, when an authentication process is not done for a created candidate document after a predetermined time has passed, determining the candidate document as an authentic document to be submitted onto the network, and submitting the determined document; and

20 a program code of the setting step of setting a condition for inhibiting an image, which is input by the video input means and is stored, from being published,

25 wherein an image that satisfies the condition set in the setting step is determined not to be published, and is excluded from images to be submitted.